Application No.: Not Yet Assigned Docket No.: ASZD-P01-682

ABSTRACT

BENZOIC ACID DERIVITIES AS MODULATORS OF PPAR ALPHA AND GAMMA

A compound of formula (I) wherein R¹ represents any optionally substituted by a heterocyclic group or a heterocyclic group optionally substituted by aryl wherein each aryl or heterocyclic group is optionally substituted; the group $-(CH_2)_m - T - (CH_2)_n - U - (CH_2)_n - is$ attached at either the 3 or 4 position in the phenyl ring as indicated by the numbers in formula (I) and represents a group selected from one or more of the following: O(CH₂)₂, O(CH₂)₃, $NC(O)NR^4(CH_2)_2$, $CH_2S(O_2)NR^5(CH_2)_2$, $CH_2N(R^6)C(O)CH_2$, $(CH_2)_2N(R^6)C(O)(CH_2)_2$ C(O)NR⁷CH₂, C(O)NR⁷(CH₂)₂, and CH₂N(R⁶)C(O)CH₂O; V represents O, S, NR⁸, or a single bond; q represents 1, 2, or 3; W represents O, S, N(R⁹)C(O), NR¹⁰, or a single bond; R² represents halo, a C₁₋₄ alkyl group which is optionally substituted by one or more fluoro, a C₁₋₄ alkoxy group which is optionally substituted by one or more fluoro, a C₁₋₄ acyl group, aryl, an aryl C₁₋₄ alkyl group, CN or NO₂; r represents 0, 1, 2 or 3; R³ represents halo, a C₁₋₄ alkyl group which is optionally substutited by one or more fluoro, a C₁₋₄ alkoxy group which is optionally substituted by one or more fluoro, a C₁₋₄ acyl group, aryl, an aryl C₁₋₄ alkyl group, or CN; s represents 0, 1, 2 or 3; and R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, and R¹⁰ independently represent H, a C₁₋₁₀ alkyl group, aryl or an aryl C_{1-4} alkyl group or when m is 0 and T represents a group $N(R^6)C(O)$ or a group (R⁵)NS(O₂) then R¹ and R⁶ or R¹ and R⁵ thogether with the nitrogen atom to which they are attached represent a heteroaryl group; with provisos and pharmaceutically acceptable salts thereof, processes for preparing such compouds, their utility in treating clinical conditions associated with insulin resistance, methods for their therapeutic use and pharmaceutical compositions containing them.